

Abstract of the Disclosure

2 A push-to-talk communication device to participate in a group communication net
is claimed. The group communication net comprises a controller to manage group
4 communication net and interface with the push-to-talk communication device. A
processor converts information signals into packet data suitable for transmission over a
6 distributed network. The processor may also have identification information, and
updates its identification information when its current identification information has or is
8 about to change. The processor then transmits its new identification information to the
controller. The push-to-talk device also comprises a transmitter to transmit packet data
10 through a first channel to the controller. A receiver receives packet data through a
second channel from the controller. The push-to-talk device also comprises a user
12 activated mechanism to activate the transmitter when a user of the communication device
wishes to transmit packet data to the controller.

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